

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Crystal Cunanan et al.	)	Group Art Unit: Unknown
	)	
Application No.: Unkown	)	Examiner: Unknown
	)	
Filing Date: Unknown	)	
	)	
For: OXIDIZED BIOPROSTHETIC MATERIALS	)	
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INFORMATION DISCLOSURE STATEMENT

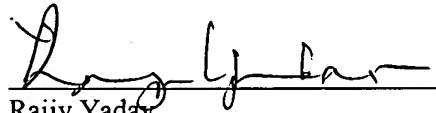
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the duty of disclosure set forth under 37 CFR §§ 1.56, 1.97, and 1.98, Applicants enclose the attached form PTO/SB/08. Pursuant to 37 CFR § 1.98(d) copies of those references on the PTO/SB/08 form are not being submitted because they were previously cited by or submitted to the U.S. Patent Office in prior application(s) Serial No. 09/915,489 from which the present application relies upon for an earlier filing date under 35 U.S.C. § 120. No fee is believed due; however, if a fee is to be charged please charge to our Deposit Account No. 50-1225 (ECV-5510CON).

Dated: 3/23/4

Respectfully submitted,



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By:   
Melissa Sanchez

<b>FORM PTO-1449 (Modified)</b>				Docket No.: ECV-5510CON		Serial No. Unknown	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				Applicant: Crystal M. Cunanan et al.			
				Filing Date: Herewith		Art Unit: Unknown	
<b>UNITED STATES PATENT DOCUMENTS</b>							
*Exr's Inits	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)
	AA	4,511,653	04/16/85	Play et al.			
	AB	4,806,959	02/21/89	Townsend			
	AC	4,931,546	06/05/90	Tardy et al.			
	AD	5,080,670	01/14/92	Imamura et al.			
	AE	5,166,187	11/24/92	Collombel et al.			
	AF	5,201,745	04/13/93	Tayot et al.			
	AG	5,332,475	07/26/94	Mechanic			
	AH	5,410,060	04/25/95	Schroeder et al.			
	AI	5,416,074	05/16/95	Rabaud et al.			
	AJ	5,436,135	07/25/95	Tayot et al.			
	AK	5,654,135	08/05/97	Tinois et al.			
	AL	5,885,829	03/23/99	Mooney et al.			
	AM	6,093,530	07/25/00	McIlroy et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
Exr's Inits	Ref	Document No.	Date	Country	Class	Sub	Translation? Yes      No
	AN	WO00/18445	04/06/00	WIPO			X
	AO	EP0214035	03/18/92	Europe			X
<b>OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)</b>							
Exr's Inits	Ref.	Bibliographic Data					
	1	Peracchia, et al. "New Glutaraldehyde Fixation Procedures", J. Ultrastructure Research 39, 57-64 (1972)					
	2	F. J. Schoen "Pathologic Findings in Explanted Clinical Bioprosthetic Valves Fabricated from Photooxidized Bovine Pericardium", The Journal of Heart Valve Disease 1998;7:174-179					
	3	M. A. Moore "Pericardial Tissue Stabilized by Dye-Medicated Photooxidation: A Review Article" The Journal of Heart Valve Disease 1997; 6:521-526					
	4	R. W. Bianco, et al. "Feasibility Evaluation of a New Pericardial Bioprosthesis with Dye Mediated Photo-Oxidized Bovine Pericardial Tissue", The Journal of Heart Valve Disease 1996;5:317-322					

Exr's. Inits.	Ref.	Bibliographic Data
	5	M. A. Moore, et al. "Biocompatibility and Immunologic Properties of Pericardial Tissue Stabilized by Dye-Medicated Photooxidation" The Journal of Heart Valve Disease 1997;6:307-315
	6	M. A. Moore, et al. "Shrinkage Temperature Versus Protein Extraction as a Measure of Stabilization of Photooxidized Tissue", Journal of Biomedical Materials Research, Vol. 32, 209-214 (1996)
	7	M.A. Moore, et al., "Stabilization of pericardial tissue by dye-mediated photooxidation" Journal of Biomedical Materials Research, Vol. 28, 611-618 1994
	8	B. K. McIlroy et al., "Chemical Modification of Bovine Tissues by Dye-Medicated Photooxidation", The Journal of Heart Valve Disease 1997;6:416-423
Examiner		Date Considered
<p>* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	Unknown		
		Filing Date	Herewith		
		First Named Inventor	Cunanan, Crystal M., et. al.		
		Art Unit	Unknown		
		Examiner Name	Unknown		
Page	3	of	4	Attorney Docket Number	ECV-5510CON

U.S. PATENT DOCUMENTS					
Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,931,969	08/03/1999	Carpentier, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
						<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AB	Berrebi, et al., "Results of up to 9 years of high-temperature-fixed valvular bioprostheses in a young population," <i>Ann Thorac Surg</i> , 71:S353-5 (2001)	
	AC	Byard, et al., "A hot aldehyde-peroxide fixation method for electron microscopy of the free-living nematode <i>Caenorhabditis Elegans</i> ," <i>Stain Technology</i> , 61(1):33-38 (1986)	
	AD	Carpentier, et al., "Biochemical properties of heat-treated valvular bioprostheses," <i>Ann Thorac Surg</i> , 71:S410-2 (2001)	
	AE	Cunanan, et al., "Tissue characterization and calcification potential of commercial bioprosthetic heart valves," <i>Ann Thorac Surg</i> , 71:S417-21 (2001)	
	AF	Login, et al., "Microwave energy fixation for electron microscopy," <i>Am J Pathol</i> , 120(2):230-243 (1985)	
	AG	Ruijgrok, et al., "Glutaraldehyde crosslinking of collagen: Effects of time, temperature, concentration and presoaking as measured by shrinkage temperature," <i>Clinical Materials</i> , 17:23-27 (1994)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>ECV-5510CON</b>	Application Number <b>Unknown</b>
	Applicant(s) <b>Cunanan et al.</b>	
	Filing Date <b>Herewith</b>	Group Art Unit <b>Unknown</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,210,957	4/03/01	Carpentier et al.			
		6,350,732	2/26/02	Moore et al.			
		5,819,748	10/1998	Pfirmsmann			
		5,934,283	10/1999	Willem et al.			
		5,697,972	12/1997	Kim et al.			
		5,821,343	10/1998	Keogh			

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER	DATE CONSIDERED
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